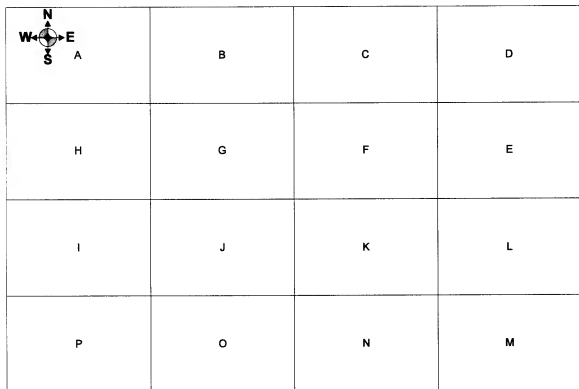


Replacement Sheet

FIG. 1

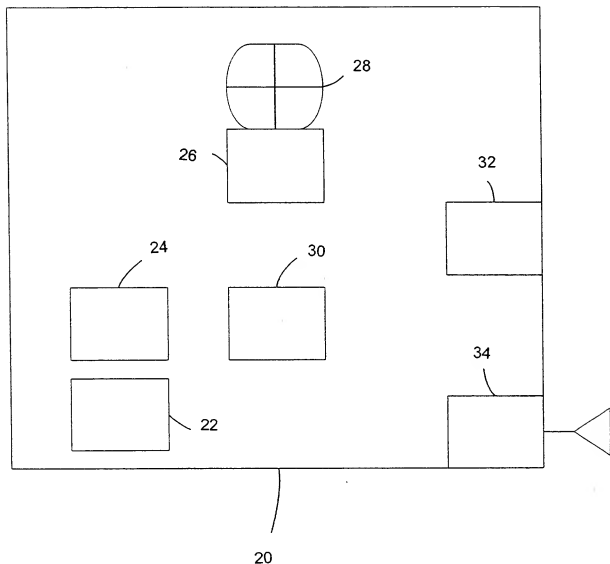


Legend: Fig. 1 illustrates a map, which is divided into areas (A-M). Each area (e.g., area A) preferably includes a digital watermark embedded therein. The digital watermark for area A includes or links to location information associated with area A. Area B also includes a digital watermark embedded therein including or linking to location information associated with area B, and so on.

10

Replacement Sheet

FIG. 2



Legend: Fig. 2 illustrates various components of a watermark reading device 20, according to one embodiment. The device preferably includes a general purpose or dedicated computer, incorporating electronic processing circuitry (e.g., a CPU) 22, memory 24, an interface 26 to an input device 28, an output device 30 (e.g., a display screen, LED indicators, LED arrows, speakers, and/or audio-synthesis chip, etc.), a network connection 32 and a global positioning system (GPS) receiver 34.

Replacement Sheet

Legend: Fig. 3 illustrates the device (20) of Fig. 2 in relation to the map (10) of Fig. 1. In one embodiment, as shown, the device 20 is attempting to read an embedded digital watermark from area O of map 10.

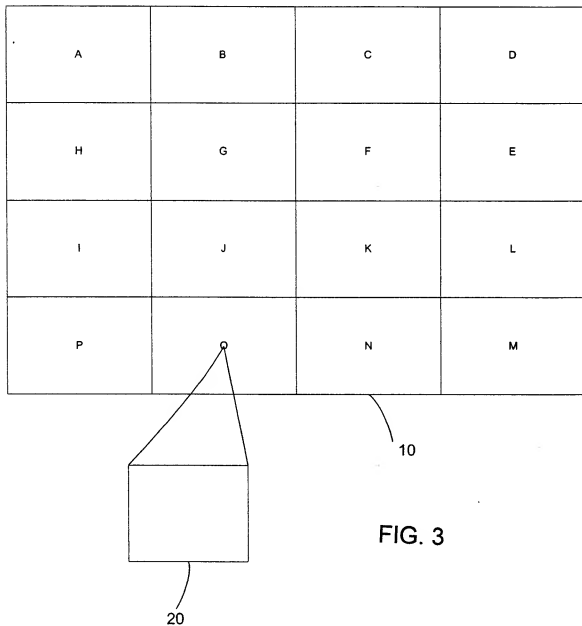


FIG. 3